

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2876	card with (plate or surface or sheet or layer) near3 (protect\$4 or reinforc\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 13:39
S2	325	card with (plate or surface or sheet or layer) near3 (protect\$4 or reinforc\$4) same (hole or opening or recess or gap)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 13:45
S3	32	card with (plate or surface or sheet or layer) near3 (protect\$4 or reinforc\$4) same (hole or opening or recess or gap) same (antenna or coil)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 14:09
S4	12834	235/379,380,487,492.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 14:10
S5	12	S4 and card same (antenna or coil or RF or RFID or wireless or contactless) same (plate or surface of sheet or layer) near3 (reinforc\$4 or protect\$4) same (hole or opening or aperture)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 14:15
S6	1	"6974085".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 14:27
S7	1	"4983818".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 14:48
S8	1	"5313053".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 14:52
S9	2795	card with (hole or aperture or "through hole") and (antenna or coil)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 14:52
S10	1836	card with (hole or aperture or "through hole" or recess or opening) and (antenna or coil) and (plate or surface or sheet or layer) with (reinforc\$4 or protect\$4 or stabl\$7 or structur\$5 or rigid\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 14:59
S11	1617	(smartcard or card) with (hole or aperture or "through hole" or recess or opening) and (IC or circuit or chip or contactless or noncontact or "non contact") and (antenna or coil) and (plate or surface or sheet or layer) with (reinforc\$4 or protect\$4 or stabl\$7 or structur\$5 or rigid\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 15:02

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S12	409	S11 and ("235"/\$.ccls. "340"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 15:00
S13	124	ohta.in. and eiji.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 15:01
S14	13	S12 and sony.as.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 15:01
S15	397	(smartcard or card) with (hole or aperture or "through hole" or recess or opening) same (spac\$4 or gap or air) and (IC or circuit or chip or contactless or noncontact or "non contact") and (antenna or coil) and (plate or surface or sheet or layer) with (reinforc\$4 or protect\$4 or stabl\$7 or structur\$5 or rigid\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 15:44
S16	12	361/737.ccls. and S15	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 15:03
S17	578	235/488.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 15:44
S18	12	(smartcard or card) with (hole or aperture or "through hole" or recess or opening) same (spac\$4 or gap or air) and (IC or circuit or chip or contactless or noncontact or "non contact") and (antenna or coil) and (plate or surface or sheet or layer) with (reinforc\$4 or protect\$4 or stabl\$7 or structur\$5 or rigid\$4) and S17	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 15:46
S19	1	"5026452".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 15:46
S20	14	(smartcard or card) with (hole or aperture or "through hole" or recess or opening) same (spac\$4 or gap or air) and (IC or circuit or chip or contactless or noncontact or "non contact") and (antenna or coil) and (plate or surface or sheet or layer) with (reinforc\$4 or protect\$4 or stabl\$7 or structur\$5 or rigid\$4) and ("156"/\$.ccls. "283"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 15:47

## EAST Search History

S21	20	(smartcard or card) with (hole or aperture or "through hole" or recess or opening) same (spac\$4 or gap or air) and (IC or circuit or chip or contactless or noncontact or "non contact") and (antenna or coil) and (plate or surface or sheet or layer) with (reinforc\$4 or protect\$4 or stabl\$7 or structur\$5 or rigid\$4) and ("156"/\$.ccls. "283"/\$.ccls. "40"/\$.ccls. "264"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 15:51
S22	153	(smartcard or card) with (hole or aperture or "through hole" or recess or opening) with (bigger or spac\$4 or gap or air or larger or diameter or siz\$3) and (IC or circuit or chip or contactless or noncontact or "non contact") and (antenna or coil) and (plate or surface or sheet or layer) with (reinforc\$4 or protect\$4 or stabl\$7 or structur\$5 or rigid\$4) and ("156"/\$.ccls. "283"/\$.ccls. "40"/\$.ccls. "264"/\$.ccls. "361"/\$.ccls. "235"/\$.ccls. "340"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/02 15:51